

CSG:

Please make a tar file from the REL7PTE baseline with the following package and jar file:

SOL8

.EcHg.pkg

Build one sun5.8 tar file from REL7PTE baseline for the following file:

/ecs/formal/DPL/bin/sun5.8/EcDIWaDrill.jar

Please label this tar file "Patch_7.01_DPL_HEG.01A"

This will deliver the following NCRs to all DAACs:

NCR	Subsystem	SEV	State	Site	Title
ECSED37721	OPS_SEP	5	V	NSIDC	Support Polar Stereographic projection for swath data
ECSED39687	RelB0_HEG	5	V	EDF	Standalone HEG: Move all files to Clearcase
ECSED39718	OPS_HEG	3	V	EDF	Performance: If output and input projections are same, do not resample
ECSED39909	OPS_HEG	2	V	EDF	HEG does not interpolate longitudes correctly at dateline and poles
ECSED40865	RelB0_HEG	1	V	PVC	swtif cores for swath data sets with No projection change or Geographic

PATCH/TE DEPENDENCIES:

This TE must be installed on top of 7.00 or 7.01

Installation Instructions:

PREINSTALLATION:

1. Copy the *sun5.8* tar file into the <staging_area>/SOL8 directory
2. Using the setup.ksh file, untar the 7.01_DPL_HEG.01A tar.gz file in the <staging_area>/SOL8 directory
3. Using the **tar** command, untar the 7.01_DPL_HEG.01A tar file in the <staging_area>/SOL8 directory
4. Execute the following: **chmod 644 EcDIWaDrill.jar**
5. Shut down the HEG front end (must be **cmshared**).
 - a. On the host where the package .EcDIWebAccess.pkg is installed,
cd /usr/ecs/<MODE>/CUSTOM/utilities
 - b. Run the following script:
EcDIHEGFrontendControl <MODE> stopnow
 - c. If that doesn't work, do the following:
/usr/lucb/ps -auxwww |grep -i front |grep <MODE>
kill <PID>
 - d. remove the logfile log in /usr/ecs/<MODE>/CUSTOM/logs
6. Shut down DPL
 - a. As **cmshared** on the host where the package .EcDI.pkg is installed (*xxdpsnn*), determine the Process Id of EcDIActionDriver by issuing the command:
ps -ef | grep EcDIActionDriver | grep <MODE>

b. **Kill <PID>**

INSTALLATION:

1. On any SUN host bring up E.A.S.I and select "Full" for install type.
2. Install the delivered package.
3. Log on to the host where the package .EcDIWebAccess.pkg is installed (xxdpsnn)
4. Change directory to /usr/ecs/<MODE>/CUSTOM/WWW/DPL/webaccess/WEB-INF/lib
5. Issue the following command: **cp <staging_area>/SOL8/ EcDIWaDrill.jar .**

CONFIGURATION:

None

DATABASE CHANGES:

Data Pool Database

As part of the fix for NCR 37721, you will need to update your Data Pool database to turn on Polar Stereographic projection options for HEG-able swath data types, using the isql below. You should edit the coll.ShortName list in the last isql statement (not counting the "go" statement) to only contain the names of collections in your DAAC's DICollection table.

1. First, access the Data Pool database for the desired mode
 - a. **isql -U<dbo id> -P<dbo password> -S<Sybase_server>**
where "dbo id" is the normal id used to access the Data Pool database through its Sybase server
where "dbo password" is the password associated with the "dbo id" above
where "Sybase server" is the server for the Data Pool databases
 - b. **use DataPool<_MODE>**
go
where "DataPool<_MODE>" specifies the database to be treated. The mode specification suffix is blank for mode OPS, **_TS1** for mode TS1 and **_TS2** for mode TS2.
2. Next, enter the SQL statements needed for NCR 37721.

INSERT DIHEGOptionCollXref (collectionId, optionId, required)

SELECT coll.collectionId, 7, "N"

FROM DICollections coll, DIHEGLookup heg

WHERE coll.ShortName = heg.ShortName

and coll.VersionId = heg.VersionId

and coll.ShortName in ("AST_L1B", "MOD021KM", "MOD02HKM", "MOD02QKM", "MOD10_L2", "MOD11_L2", "MOD29")

go

POST INSTALLATION:

1. Bring up the HEG front end (must be **cmshared**).
 - a On the host where the package .EcDIWebAccess.pkg is installed,
cd /usr/ecs/<MODE>/CUSTOM/utilities
 - b Run the following script:
EcDIHEGFrontendControl <MODE> start
2. Reload DPL Web access application for the mode you have installed
 - a Access the Tomcat Manager Web Page using the following example URL:
http://xxdpsnn.[domain]:[Tomcat Manager port number]/index.jsp
 - b Click **Tomcat Manager** within the Administration Box. You will be prompted for the userid and password.

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ADDITIONAL SHEET

Rev:
Office: 3000X

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- c The **Tomcat Web Application Manager** page is displayed.
 - d Click the **Reload** button for the mode that was installed which is listed in the **Commands** column. The Web Access application for the selected mode will be refreshed.
3. Bring up DPL
- a As **cmshared** on the host where the package .EcDI.pkg is installed (*xxdpsnn*), bring up EcDIActionDriver by cding to /usr/ecs/<MODE>/CUSTOM/utilities and issuing the command:
EcDIActionDriverStart <MODE>